

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

and other records for 1972.

A. WILKINSON, L.R.C.P., L.M., L.R.C.S.I., D.P.H, M.F.C.M. Medical Officer of Health

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Medical Officer of Health

MEMBERS OF THE COUNCIL AND OF THE HEALTH COMMITTEE.

Chairman:

Councillor M. Crathorne.

Vice-Chairman:

Councillor H. Cooper, M.B.E., J.P.

Councillors:

Bearpark ... A. Crooks, J.P.

Ralph Mullin.

Belmont ... I. Whittaker.

Mrs. S. Hirst.

H. R. W. Robinson.

Brancepeth ... Donald McDonald.

Cassop-cum- Thomas Marsden.

QUARRINGTON John James Ramshaw, B.E.M.

Joseph E. Wright, B.E.M., J.P.

Coxhoe ... I. B. Lattimer.

M. Crathorne.

(Kelloe Parish)... ... Allan Thompson. (Quarrington Hill Parish) W. L. Gatenby.

Framwellgate Moor J. H. Barker.

W. J. H. Lodge.

HETT ... J. G. Pinkney.

Kelloe ... George Fishburn, J.P.

Kimblesworth ... Bernard R. Mayne.

PITTINGTON ... William Clayton Charlton.

W. R. Smith.

SHADFORTH

(Ludworth Parish) ... A. St. Julien. (Shadforth Parish) ... A. Turnbull.

SHERBURN

(Sherburn Parish) ... Thomas Cairns.

(Sherburn Hill Párish) L. Walls.

Shincliffe ... H. S. Watt.

SUNDERLAND BRIDGE ... G. L. Adamson. West Rainton ... John F. Colwell.

A. P. Kift.

WHITWELL HOUSE & John Robert Henderson.

SHERBURN HOUSE.

WITTON GILBERT ... Henry Cooper, M.B.E., J.P.

S. Conaway.

The Health Committee comprises all Members of the Council, the Chairman being Councillor A. Crooks, J.P. and the Vice-Chairman, Councillor Mrs. S. Hirst.

DURHAM RURAL DISTRICT COUNCIL

Health Department,
Byland Lodge,

Durham.

Telephone: Durham 67131 Ext. 3.

Mr. Chairman, Mrs. Hirst and Gentlemen,

I have pleasure in presenting my Annual Report for 1972, which includes the record of the Chief Public Health Inspector and Cleansing Superintendent.

The report is a satisfactory one—the population of the District has continued to increase (10·8 over the past decade).

There was little occurrence of notifiable infectious disease and no serious occurrence.

It is gratifying to note that once again there were no deaths from tuberculosis.

The Council's policy to extend the Alarm System to bungalows occupied by old people outside the Comprehensive Development Schemes and to appoint Good Neighbour/Wardens is greatly appreciated, especially by the old people. During the year this service was implemented in the Bowburn Area and will be extended to further parishes during 1973.

It is pleasing to note that the three Central Kitchens commenced during the year thus enabling a meal to be provided for many elderly people who hitherto were outside the scope of the meals services.

I wish to thank the members of the Health Department for their continued efforts in the Department, the results of which are shown in this Report.

I am also pleased to have this opportunity of again thanking you Mr. Chairman, Mrs. Hirst and Gentlemen for your support and the Officers of the Council for their co-operation.

Your obedient Servant,

A. WILKINSON, Medical Officer of Health.

SUMMARY OF STATISTICS.

LIVE BIRTHS					
Number	• • •	• • •	• • •		614
RATE per 1,000 population	• • •	• • •	• • •	• • •	14.4
ILLEGITIMATE LIVE BIRTHS per	cent of	f live h	oirths	• • •	6.0
STILL BIRTHS.					
Number		• • •	• • •	• • •	9
RATE per 1,000 total live and		irths	• • •	• • •	14
TOTAL LIVE AND STILL BIRTHS		• • •	• • •	• • •	623
Infant Deaths (under 1 year)	• • •	• • •	• • •	• • •	9
Infant Mortality Rates					_
Total infant deaths per 1,00				1:	15
Legitimate infant deaths p		_			12
births Illegitimate infant deaths pe					اشد ال
births		0			59
NEO-NATAL MORTALITY RATE (d					
1,000 total live births)					11
EARLY NEO-NATAL MORTALITY	RATE	(deatl	ns und	er 1	
week per 1,000 total live b		•			10
PERINATAL MORTALITY RATE (sti					
1 week combined per 1,000) live ar	nd still	births)	• • •	24
MATERNAL MORTALITY (including	~	,			
Number of Deaths				• • •	
RATE per 1,000 live and still	DITTIIS	• • •	• • •	• • •	to-monapore.
Deaths (all causes)			• • •		450
RATE per 1,000 population	:	• • •	• • •	• • •	12.5
DEATHS from Motor Vehicle Acc DEATHS from other accidents			• • •		4.9
DEATHS from Cancer (all ages)					73
DEATHS from Tuberculosis (all a		• • •	• • •		
Area in Acres	,				34,057
Population (Registrar General's 1	 mid-vea	ar Hor	ne Pop	ula-	34 ,007
tion)					40,410
Number of inhabited houses (31st	Decem	iber, 1	972)	• • •	14,285
Rateable Value (December, 1972)	,				£1,252,348
Estimated product of a penny					(28 650
31st March, 1973)				• • •	£40,000
Registrar General's Area Compar	•				0.08
Births	• • •	• • •	•••	• • •	$\begin{array}{c} 0.95 \\ 1.13 \end{array}$
Deaths	• • •	• • •	• • •	• • •	1.13

Section A—NATURAL AND SOCIAL CONDITIONS AND VITAL STATISTICS.

(1) Natural and Social Conditions.

Area. 34,057 acres. The District is composed of eighteen parishes surrounding for the most part the City of Durham and the Urban District of Brandon and Byshottles. It borders also with Lanchester, Chester-le-Street, Easington and Sedgefield Rural Districts and the Urban Districts of Hetton, Spennymoor and Crook and Willington.

Industries. Coal Mining, Agriculture and Light Industries.

Population. The Registrar General's estimate of the mid-year population is 40,410 an increase of 500 over 1971.

Population figures over the past 10 years are as follows:—

1962	• • •	36,710	1967		37,660
1963	• • •	36,290	1968	• • •	38,690
1964		36,470	1969	• • •	39,360
1965	• • •	36,810	1970		39,340
1966	• • •	37,160	1971	• • •	39,910

The figure for 1972 represents an increase of 10.8% since 1962, which is 3,700 persons.

Inhabited Houses. According to the Rate Books the number of inhabited houses in the District at the end of 1972 is 14,285.

(2) Vital Statistics.

Registrar General's Area Comparability Factors.

Births	• • •	• • •	• • •	• • •	• • •	• • •	• • •	0.95
Deaths	• • •	• • •	• • •	• • •	• • •	• • •		1.13

These figures are a means of adjusting the rates for births and deaths, so that the population of the District is directly comparable with the population of England and Wales as a whole, in so far as distribution by age and sex is concerned. The adjusted rates are those to be compared with the rates for England and Wales and with the similarly adjusted rates for other areas.

Births.

			Male.	Female.	
ole o	Legitimate	• • •	280	300	
	Illegitimate	• • •	23	11	

614 births were registered during the year, 95 less than the previous year. 34 were illegitimate.

The birth-rate (adjusted) of 14.4 is less than that for 1971 (16.7).

The birth-rate for Durham County as a whole is 14.8, and the rate for England and Wales 14.8.

Still Births

Male. Female.

Legitimate ... 2 7

Illegitimate ... — —

Table I shows the figures for births over the past 10 years in comparison with those for England and Wales and County Durham over the same period.

Deaths.

Male. Female. 247 203

450 deaths were registered during the year, 247 males and 203 females. The number in 1971 was 424. The death rate (adjusted) of 12.5 is more than that of the previous year (12.4).

The rate for County Durham is 12.3, and the rate for England and Wales 12.1 (Table I).

Individual causes of death are shown in Table II.

Diseases of the Heart and Circulation accounted for 245 of the deaths registered or 55% of all deaths registered. In 1971 the figure was 36%.

Cancer accounted for 73 of the deaths which represents 16.0% of all deaths. In 1971 the figure was 19.8%. The deaths from Cancer in all forms is 1.8 per 1,000 population.

There were 21 deaths from Lung Cancer (18 in 1971) which represents a rate of 0.5 per 1,000 of the population.

There were no deaths from Tuberculosis.

Infant Mortality.

(Deaths of children under 1 year of age) (Tables I, and III)

Male. Female.

The rate for Durham County is 19.0 and for England and Wales it is 17.0 The rate for this district is 15.0.

9 children died before reaching the age of one year, 7 of whom were less than one week old.

There were two deaths of illegitimate children under the age of 1 year. There was one death of an illegitimate child during 1971.

The actual numbers of deaths of children under 1 year of age during the past 10 years are:—

1963	• • •	• • •	10	1968	• • •		9
1964	• • •	• • •	16	1969	• • •		11
1965	• • •	• • •	11	1970	• • •	• • •	14
1966	• • •	• • •	9	1971	• • •	• • •	17
1967	• • •	• • •	11	1972		• • •	9

These numbers should be read in conjunction with the rates given in Table I and should be borne in mind in assessing the change in the rate over the years.

Too great significance should not be attached to a single rate owing to the comparatively small numbers of deaths each year.

Neo-Natal Mortality (deaths occurring in the first four weeks of life).

There were 7 deaths of children under one month which represents a rate of 11.0 per 1,000 live births. In 1971 there were 11 deaths giving a rate of 16.0. The rate for Durham County is 14.0 and the rate for England and Wales 12.0.

Early Neo-Natal Mortality (deaths occurring during the first week of life).

There were 7 deaths of children under one week old. This gives a rate of 10.0 per 1,000 live births.

Perinatal Mortality.

(Stillbirths and children who died in the first week of life).

During 1972 there were 9 stillbirths and 7 deaths of children under 1 week old. This gives a rate of 24.0 per 1,000 live and still births. The rate for 1971 was 21.0.

The perinatal mortality rate—the combined still births and deaths in the first week of life per 1,000 live and still births is shown in the following table covering a period of 10 years and also the rates for England and Wales and Durham County:—

Perinatal Mortality Rate per 1,000 live and still births.

				Durham $R. D.$	England & Wales.	Durham County.
19 62		• • •		33.5	30.8	35.7
1 963				30.1	29.3	32.4
1 964				26.6	28.2	33.5
19 65		• • •		22.8	26.9	30.7
1 966				26.3	26.3	28.6
1967				25.6	25.4	26.6
1968		• 1		21.2	25.9	25.0
1969			• • •	29.3	23.0	25.9
197 0		• • •		22.8	23.0	25.0
1971	• • • •	• • •		21.0	22.0	22.0
Averag	e for 10 y	ears				
19 62-19			• • •	25.9	26.1	28.5
1972		• • •		24.0	22.0	23.0

TABLE I.

COMPARATIVE TABLE WITH ENGLAND AND WALES AND WITH ADMINISTRATIVE COUNTY OF DURHAM FOR PAST TEN YEARS. VITAL STATISTICS FOR THE DISTRICT FOR 1972 AND PREVIOUS YEARS.

X7.00 =	-	Birth Kate per 1,000 population.	per tion.	Dea 1,000	Death Rate per 1,000 population.	on.	Infant per 1,0	Infant Mortality Rate per 1,000 Live Births.	Kate Births.
	Durham R.D.	m England & Wales.	Durham County	Durham R.D.	England Durham & Wales. County	Durham County	Durham R.D.	England & Wales.	Durham
•	17.2	18.0	18.6	12.9	11.9	11.6	26.4	916	26
•	16.0	18.2	17.8	13.0	19.2	0.61	16.2	20.9	÷1
•	17.0	18.4	18.3	13.0	11.3	10.8	23.9	20.0	61
•	. 17.9	18.0	18.1	12.7	11.5	11.4	15.9	19.0	21
•	. 17.(17.7	17.3	13.3	11.7	11.7	13.4	19.0	21
•	17.2	2 17.2	17.0	11.5	11.2	6.01	15.9	18.3	12
•	16.9	16.9	16.1	13.3	11.9	11.5	12.9	18.0	20
•	15.9	3 16.3	15.5	12.0	11.9	12.1	16.4	18.0	16
•	15.6	3 16.0	15.6	11.9	11.7	11.8	21.5	18.0	61
•	16.7	7 16.0	16.0	12.4	11.6	11.7	24.0	18.0	10
Average for 10 years 1962-71	16.7	7 17.2	17.0	12.6	11.7	11.6	18.6	1.61	9.1
	14.4	8.71	14.8	12.5	15.1	12.3	15.0	17.0	10

INDIVIDUAL CAUSES OF DEATH.

TABLE II.

75 Up	
65 to 74	-0.480
55 to 64	
45 54 54	
35 to 44	
25 to 34	
15 to 24	
5 to 14	-
t 0 +	
4 weeks under 1 Year	
Under 4 weeks	
All	100 100 100 100 100 100 100 100 100 100
	Malignant Neoplasm, Buccal Cavity etc. Malignant Neoplasm, Stomach Malignant Neoplasm, Stomach Malignant Neoplasm, Intestine Malignant Neoplasm, Breast Malignant Neoplasm, Breast Malignant Neoplasm, Prostate Leukaemia Other Malignant Neoplasms Benign and Unspecified Neoplasms Diabetes Mellitus Other Endocrine etc. Diseases Anaemias Other Diseases of Blood etc. Multiple Sclerosis Other Diseases of Nervous System Chronic Rheumatic Heart Disease Hypertensive Disease Other Diseases of Circulatory System Chronic Rheumatic Heart Disease Other Diseases of Circulatory System Schaemic Heart Disease Other Diseases of Circulatory System Pheumonia Bronchitis and Emphysema Asthma Other Diseases of Respiratory System Peptic Ulcer Intestinal Obstruction and Hernia Cirrhosis of Liver Cirrhosis of Liver Other Diseases of Digestive System Nephritis and Nephrosis Other Diseases

INDIVIDUAL CAUSES OF DEATH—continued.

75 Up	- 8 21 7 1	172
65 to 74	-	138
55 to 64		77
45 to 54		35
35 to 44		
25 to 34		4
15 to 24		2
5 to 14		
1004		_
4 weeks under 1 Year		2
Under 4 weeks		7
All	1498184681	450
	Diseases of Skin, Subcutaneous Tissue Diseases of Musculo-Skeletal System Congenital Anomalies Birth Injury, Difficult Labour etc. Other causes of Perinatal Mortality Symptoms and Ill Defined Conditions Motor Vehicle Accidents All Other Accidents Suicide and Self-Inflicted Injuries All Other External Causes	Total

TABLE III.

INFANT MORTALITY IN THE DISTRICT DURING THE YEAR 1972.

Causes of Death		1-2 Weeks	2-3 Weeks	3-4 Weeks	Total Under 1 Month	1-3 Months	3-5 Months	6-9 Months	9-12 Months	Total
Accidental Death	•		1						_	
Congenital Malformation	•	-	possi		7	1				01
Heart Disease	•	_	1		, (-	¢1
Prematurity	•	4	1	1	4	1		1		7
	- '	9	-		7				21	6

Section B.—GENERAL PROVISION OF HEALTH SERVICES.

1. Public Health Officers of the Local Authority.

Medical Officer of Health ...

A. Wilkinson, L.R.C.P., L.M., L.R.C.S.I., D.P.H., M.F.C.M.

Also Medical Officer of Health—City of Durham, Urban District of Brandon and Byshottles, Urban District of Spennymoor, Assistant County Medical Officer, County Durham.

Chief Public Health
Inspector and
Cleansing
Superintendent.

A. R. Moorhouse, M.A.P.H.I., M.R.S.H., A.M.Inst.P.C.

Deputy Chief Public Health Inspector

Health Inspector ... K. R. Robertshaw, M.A.P.H.I.

Public Health

Inspector ... G. Whelpdale, M.A.P.H.I.

Rodent Officer ... Mr. J. Bradley.

Health Office.

Chief Clerk ... Mrs. F. Kyle, M.F.T.Com.

Clerk Typist ... Miss S. Blake.

2. Laboratory Services.

- (i) Dryburn Hospital, Department of Pathology.
- (ii) Public Health Laboratory, General Hospital, Westgate Road, Newcastle.
- (iii) County Analyst, County Hall, Durham.

3. General Medical Services.

Durham County Executive Council, Green Lane, Old Elvet, Durham.

Seventeen medical practitioners in general practice in the District reside within it, and an approximately equal number, living elsewhere, have part of their practices within it.

4. Hospital Services.

Newcastle Regional Hospital Board.

Benfield Road, Newcastle, NE6 4PY.

Durham Hospital Management Committee.

Dryburn Hospital, Durham.

(a) General.

(i) Dryburn Hospital, Durham.

- (ii) County Hospital, Durham. (Temporarily closed).
- (iii) St. Margaret's Hospital, Durham (Long Stay).

(b) Maternity.

Dryburn Hospital, Durham.

(c) Infectious.

(i) Queen Elizabeth Hospital, Sheriff Hill.

(ii) Highfield Hospital, Chester-le-Street.

(iii) Langley Park Isolation Hospital (Emergency Fever Reserve).

(d) Tuberculosis.

(i) Chest Clinic—

Dryburn Hospital, Durham.

- (ii) Highfield Hospital, Chester-le-Street.
- (iii) Mass Miniature Radiography Unit— Dryburn Hospital, Durham.

(e) Mental.

(i) Winterton Hospital, Sedgefield.

(ii) Aycliffe Hospital.

- (iii) Prudhoe and Monkton Hospital. (iv) Earl's House Hospital, Durham.
- (v) Dryburn Hospital, Durham.

(f) Venereal Disease Clinic.

General Hospital, Newcastle.

do. South Shields.

do. Sunderland.

do. Middlesbrough.

5. Health Services provided by Durham County Council.

(a) School Health Service.

There are 27 schools in the District.

(b) Ambulance Service.

In an emergency any responsible person may summon an ambulance by telephone by asking to be connected to the nearest ambulance control (no telephone number need be given).

The Ambulance Control is situated at County Ambulance Headquarters, Framwellgate Moor (but the Parish of Rainton is served from Wheatley Hill Control).

The figures given below show work done during 1972 in the area of the three Districts.

Number of Persons	who use	ed the S	ervice		43,642
Stretcher Cases		• • •			9,805
Sitting Cases		• • •		• • •	33,837
Mileage			• • •		259,666

Home Nursing.

As and from May 1970, District Nurses and Midwives were aligned to the General Practitioners in the District.

This arrangement appears to be working quite well.

(c) Domiciliary Midwifery.

One Midwife resides and practises in the District and there are 5 others who reside outside it.

The following is a list of births attended by the County Midwives in this District:—

Total births (live and sta	ill)	• • •	• • •	623
Cases attended as midwif	fe and	l nurse	• • •	265
Hospital patients dischar	rged I	hon <mark>ie be</mark>	fore	
10th day	• • •	• • •	• • •	187
Total cases attended		• • •		265

(d) Domestic Help.

Domestic Help is provided for households where it is required owing to the presence of any person who is ill, an expectant mother, lying-in, mentally defective, aged or a child not over school age.

During the year 247 home helps were employed, attending 392 cases, at the beginning of the year 156, new cases were added during the course of the year and 158 cases were terminated. At the end of the year there were 390 cases being attended.

The number of cases provided during the year were in the following categories:—

(<i>a</i>)	Maternity (including expectant mothers)	8
(<i>b</i>)	Tuberculosis	-
(c)	Chronic sickness (including aged and	
	infirm	527
(d)	Others	13

- (e) Vaccination and Immunisation.
- (f) Care of Mothers and Young Children.
 - (i) Child Welfare Centres—
 Gilesgate Moor—Kepier Crescent.
 Coxhoe—Social and Literary Institute.
 Sherburn Hill—Miner's Welfare Hall.
 Framwellgate Moor—Priory Road.
 - (ii) Birth Control Clinics—Coxhoe.Gilesgate Moor—Kepier Crescent.Framwellgate Moor—Priory Road.
 - (iii) Post Natal Clinics—Coxhoe.Gilesgate Moor—Kepier Crescent.Framwellgate Moor—Priory Road.
- (g) Cervical Cytology—Dryburn Hospital—Mondays 7.0 p.m.

(h) Welfare Services.

Residential accommodation is provided for persons who by reason of age, infirmity or other circumstances are in need of care and attention which is not otherwise available to them. Services are also provided for Blind Persons and other Handicapped Persons.

Below is a summary of the work done by the Welfare Section in the District during the year:—

	Male.	Female.	Total.
No. of blind persons on the register	34	30	73
No. of partially sighted persons on the register		8	17
No. of deaf and dumb persons on the register		10	23
No. of hard of hearing persons on the register		2	4
No. of physically handicapped person on the register		130	262
Hostel Accommodation—The n waiting list at the end of the yea		~	on the

(i) Mental Health.

- 0 0		as menta				
196	• • •	• • •	• • • • • • • • • • • • • • • • • • • •	• • •	rdered	dis
	in	pervision	under st	persons	umber of	The
27		• • •		nes	r own hon	the

6. National Assistance Acts, 1948 and 1951.

No statutory action was taken during the year involving Section 47 relating to removal of persons in need of urgent care and attention.

7. Domiciliary Laundry Service for Old People

This service is provided by the British Red Cross Society, the Hospital Authority and the Local Health Authority (Durham County Council). It has been operating successfully since its inception in 1957.

At the commencement of the year 1972, there were 15 households receiving the service. At the end of the year 1972 there were 12 households benefiting from this service.

8. Meals for Old People.

The Council's three kitchens commenced producing meals as under:—

Pity Me—early July Bowburn—late July Sherburn—August

In villages where Luncheon Clubs and the Meals on Wheels services were in operation prior to the opening of the kitchens these services were continued as previously, with the exception of Coxhoe and Witton Gilbert where the days on which meals were served was increased from one to two per week.

In villages where there was a need for further Luncheon Clubs and accommodation was readily available i.e. the Council's Comprehensive Developments, additional clubs were started, namely in Bearpark and Bowburn.

Where there was no Luncheon Club operating in villages where Comprehensive Developments were situated then clubs commenced, i.e. Pity Me, Quarrington Hill and West Rainton.

In villages where no service operated and where there was no Comprehensive Development, accommodation was sought and Luncheon Clubs commenced at Cassop, Sherburn Village and Sherburn Hill. Arrangements have been made in villages where no meals are served for the service to be implemented.

In order to cater for the largest number of people in need of meals it was thought that the formation of additional Luncheon Clubs should have priority. This not only provided the recipients with a meal but allows the Council to provide for more people. It also encourages old people to get out. The Luncheon Club is somewhat of a social occasion to them.

Where Luncheon Clubs were started in villages where previously no service existed, Meals on Wheels were also introduced for persons who could not attend Luncheon Clubs. The recipients are persons who either individually, or through Health Visitors, Social Workers, Family Doctors, Old People's Welfare Committees had requested that meals be supplied.

MEALS FOR OLD PEOPLE

The number of recipients receiving meals either at Luncheon Clubs or at home during the seven days from 6th November to 12th November, 1972 is shown below.

Danier	Recipi	ents	Total Meals		
Parish	Luncheon Club	Meals on Wheels	Luncheon Club	Meals on Wheels	
Bowburn		38	24	76	48
Kelloe	• • •	27	9	54	18
Coxhoe		32	11	64	22
Quarrington Hill		24	1.4	48	28
Cassop		17	21	34	42
Bearpark		43	19	84	38
Framwellgate Moor		*60	24	60	48
Kimblesworth		25	W-delenance	50	**********
Witton Gilbert		36	11	60	22
Brancepeth		10	stanovarias	20	
Pity Me		30	slasomar ta a	60	
West Rainton		43	23	86	46
Sherburn Hill		32	20	64	40
Gilesgate Moor		27	officer and the	54	
Pittington		28	13	5 6	26
Croxdale		_	14	Masser area a	28
Carrville		state market	1-1		28
Sherburn Village			62	Nation of Property	124
Shadforth		_	4		8

^{*} These persons receive one meal only per week.

9. Chiropody.

During the year a new clinic was commenced at Quarrington Hill and the clinic at Croxdale re-opened.

It is gratifying to note that there has been an increase in the number of treatments generally throughout the year and the work done by the Voluntary Helpers and the Chiropodists is greatly appreciated.

The old people make every effort to attend and the assistance given is welcomed by all.

The cost of the service is borne by Durham County Council and details of the service are shown in the Table.

Name of Clinic	Chiropodist	Premises	Sessions	No. of Treatments
Witton Gilbert Aged Peoples's Welfare Committee	Mr. Chambers	Fyndoune House, Witton Gilbert	Tuesday 4.0-6.0 p.m. Weekly	1,387
DIRECT SCHEMES Bearpark	Mrs. Summers	'Beaurepaire', Bearpark	Monday, 9.30 a.m3.0 p.m. 2 Weeks in Four Weeks	918
Belmont	Mrs. Holland Mrs. Holland	Community Centre, Belmont Mill House Court, Belmont	Tuesday 9.30 a.m4.30 p.m. 2 Weeks in 3 Weeks Tuesday 9.30 a.m4.30 p.m. 1 Week in 3 Weeks	334
Bowburn	Mr. Kirk	Community Centre	Wednesday 1.30 p.m4.30 p.m. Weekly	384
Brancepeth Village	Mr. Rush	Village Hall	Tuesday 9.30 a.m1.30 p.m. Monthly	170
Coxhoe	Mr. Kirk	Lansdowne House	Monday 9.30 a.m12.30 p.m. Weekly	384
Framwellgate Moor	Mr. Rush	Community Centre	Thursday 9.30 a.m4.30 p.m. Weekly	966
Croxdale	Mr. Kirk	Teachers' Centre	Tuesday 9.30 a.m4.30 p.m. 1 in 4 weeks	192
Kelloe	Mr. Russell	Workingmen's Club	Wednesday 9.30 a.m4.30 p.m. Fortnightly	430
Quarrington Hill	Mr. Kirk	The Hawthorns	Tuesday 9.30 a.m4.30 p.m.	384

CHIROPODY.

CHIROPODY—continued

Name of Clinic	Chiropodist	Premises	Sessions	No. of Treatments
Pittington and Littletown	Mrs. Holland	St. John's Methodist Church Hall	Friday 9.30 a.m4.30 p.m.	339
Sherburn Village	Mrs. Holland	Methodist Church Hall	Monday 9.30 a.m4.30 p.m. 3 Weeks in 4	307
Sherburn Hill	Mrs. Holland	Community Centre Sherburn Hill	Friday 9.30 a.m4.30 p.m. Fortnightly	289
West Rainton	Mrs. Holland	Arden House	Thursday 9.30 a.m4.30 p.m. Monthly Monday 9.30 a.m4.30 p.m. Monthly	281

1. Water Supply.

The District is supplied by the Durham County Water Board. The supply has been satisfactory both in quality and quantity during the year.

Mr. D. G. Drummond, Chief Engineer of the Durham County Water Board has kindly supplied the following information relating to the water supply. He points out that the increase in consumption in the Board's area is 1.68 million gallons per day over the previous year.

The unmetered consumption amounts to 34.38 gallons per head per day (32.26 in 1971) and the metered consumption 17.56 (15.82 in 1971) a total of 51.94 gallons a day for each of the consumers in the area of supply (48.08 in the previous year).

There were tested 2,431 bacteriological samples of which 456 were distribution samples (i.e. samples taken from mains or from service pipes to properties).

CLASSIFICATION OF DISTRIBUTION SAMPLES DURHAM RURAL DISTRICT COUNCIL

No. of samples—35 (all supplied from Treatment Works)

Satisfactory 30 (86%)
Unsatisfactory 5

The Table below gives the number of houses in each Parish in the District supplied from public water mains direct to the houses, and details of other supplies.

Parish.	No. of Houses.	Direct supply from D.C.W.B.	Other supplies.
Bearpark Belmont Brancepeth Cassop-cum- Quarrington Coxhoe Framwellgate Moor Hett Kelloe Kimblesworth Pittington Shadforth Sherburn Shincliffe Sunderland Bridge West Rainton Whitwell House Witton Gilbert	749 3712 101 1793 1573 1250 50 241 152 461 625 1174 373 321 828 7 875	749 3712 97 1792 1573 1250 50 239 152 460 624 1174 373 321 828 7 875	 4 well supply piped to houses. 1 Roof drainage. 2 Colliery supply—piped. 1 Reservoir—piped. 1 Colliery supply—piped. 1 colliery supply—piped.

2. Sewerage.

The following details have been kindly given by the Surveyor, Mr. Godfrey, Charters.

Tursdale Pumping Station.

Work which commenced on the above scheme is almost complete (95.0%). The estimated cost being £16,834.

3. Atmospheric Pollution.

In October, 1972, deposit gauges were placed in the parish of Coxhoe and readings taken showing the measurement of dust polluting the atmosphere. Discussions have taken place between the Council and Raisby Quarries Ltd. who are taking steps to endeavour to solve this problem.

4. Public Swimming Baths.

There are no public swimming baths in the District.

Closet Accommodation.

There are 57 ash closets/Elsons in the District, the majority of which are in houses scheduled for clearance and demolition or houses in outlying parts of the District with no sewage facilities.

No conversions to water carriage system were carried out during the year making a post-war total of 526. At the end of the year there were 14,228 domestic premises out of a total of 14,285 on the water carriage system which represents approximately 99.6%

Collection and Disposal of Refuse.

The weekly collection of household refuse has continued.

The decision of the Council to collect all bulky household refuse, furniture etc. free of charge has resulted in a considerable increase in the amount collected, and publicising of this service has to some extent cut down the amount of 'fly' tipping—although this still continues.

A 50 cu. yd. 'Revopak' has been brought into service and also a bulk loading scheme with $1\frac{1}{4}$ cu. yd. containers and a Fore & Aft Vehicle equipment with lifting gear.

Arrangements are going ahead to implement a Bonus Scheme which is expected to give the workmen an increase in wages of $33^{1}/_{3}\%$ —this it is hoped will commence early in 1973.

Footpath Sweeping.

The Council has decided to introduce a footpath Sweeping Service and it is expected that all footpaths adjoining main roads will be swept once per week and other footpaths on estates etc. once per month.

It is anticipated this will create another seven jobs within the department.

5. Salvage

The collection and sale of salvage continued but the overloading at the paper mills affected this Council as it did most authorities.

There was a decrease in the tonnage collected, 92.55 tons being despatched to Thames Board Mills Ltd. The sum of £504.53 was distributed 60% to the workmen, 40% to the Council.

Scrap amounting to £267.75 was collected and distributed 60% to the workmen and 40% to the Council.

6. Rodent Control

Table IV shows a summary of the properties inspected and treated during the twelve months ended December, 1972.

Two maintenance treatments were carried out at the Council's Sewers and Sewage Works during the year.

286 premises were found to be infested with rats and 181 with mice. Many visits were made in the course of the successful treatment of these premises.

8 contracts were entered into with various owners or occupiers of agricultural holdings, to carry out a minimum of 2 treatments a year at a fixed price.

TABLE IV.

Prevention of Damage by Pests Act, 1949. Report for 12 months ended 31st December, 1972.

Type of Property

$P_{\mathbf{F}}$	ROPE	RTIES OTHER TH	ian Si	EWERS.			Non-Agricultural.	Agricultural
1.	Nui	mber of propert	ties in	distric	t	• • •	16,313	224
2.	(a)	Total number nearby premis notification						24
	(b)	Number infestii) Rats (ii) Mice	•••		•••	• • •	286	8 8
3.	(a)	Total number for rats and/o than notificat	r mice					16
,	(b)	(11) 71.51	• • •	• • •	•••	• • •	24	

SEWERS.

4. Treatments were carried out in respect of sewers infested by rats.

Section D.—Housing.

During the year 20 houses were built by the Council. (As shown in the Table).

172 houses were built by private owners.

12 houses were made fit as a result of informal action under the Public Health and Housing Acts, and 2 were made fit as a result of formal action.

No demolition orders were made during the year making a postwar total of 892. 7 Closing Orders were made.

I house, subject to a demolition order, was demolished. 8 houses subject to Closing Orders were closed.

Overcrowding.

There were no cases of overcrowding revealed during 1972.

1 family (4 persons) was rehoused from a house subject to a demolition order, and 7 families (23 persons) from houses subject to Closing Orders.

The Council's scheme for rehousing provides for the provision of priority to be given to families in which there is a case of pulmonary tuberculosis and the Medical Officer of Health represents that rehousing would be beneficial. There is a residential qualification of one year.

The scheme, without doubt, is a most beneficial provision in this disease where the relationship with housing conditions is considered to be close.

Alterations to Houses.

(a) In operation is a scheme whereby alterations may be effected to any house in which there lives a disabled person, alterations which will enable that person more easily to overcome the disability.

Examples are, the extra provision of handrails to staircases, ramps in place of steps in houses where there is a wheelchair, bath seats, fixed handrails beside baths and waterclosets, widening of gateways, lowering of kitchen fixtures.

This Council and the County Council each contribute 50% of the cost of carrying out the works of adaptation. During 1972 the Surveyor to the Council, carried out on this basis alterations to 13 Council houses.

(b) Under the Acts the Council is empowered to make Grants to owners who wish to improve their property.

The Surveyor kindly gives the following information regarding

applications and grants made :-

No. of Separate Houses.

	Discretionary. Grant.	Standard. Grant.
(a) Applications submitted to the Council	Nil	Nil
(b) Applications rejected by the Council	Nil	Nil
(c) Total number of applications since inception of scheme	717	543
(d) Total number of Grants paid since inception of scheme	126	56

The following details have been kindly given by the Chief Executive Officer, Mr. K. G. Miller.

TABLE V.

(a) Houses completed in 1972.

Area-Parish	Com- munity	Bungalows.		Flats.	Bedrooms.		Total Total		
Area-r arisir	Centre	2 BR	1 BR		2	3	4	Total	Total
Pity Me					10	10		20	20
Eastern									
Southern									
Total				_	10	10			20

(b) Total Post War Council Houses completed.

	Total	1154	1505	1445	4104
	Total	348 348 292 98 68	383 501 18 30 493 80	803 67 26 286 165 98	
	Airey	20 16	16	10 8 64 8	162
P	Prefab.		35	27	*109
E	remp. Prefab.	112	54		*66
Long-Stay Homes	(1 = 2) houses)	1 = 2		1 = 2	₹ .
	Unity		9	70	70
(0	4	28 2 6	3 29 — — —	12	106
Bedrooms	3	96 158 87 34 29	154 132 — — 197 111	377 2 2 122 29	1428
Be	61	156 122 122 42 42	150 192 10 180 36	188 26 8 62 54 54	1380
Flats			12	∞	20
Bungalows	1 BR	66 36 50 14 24	440 488 6 88 96 28	140 8 32 38 38	656
Bung	2 BR	r00004	V40044	13 2 4 29	88
munity entre	moə Tuoə		-	-	6
£	Area—Farisn	Western:— Bearpark Framwellgate M'r Witton Gilbert Kimblesworth Pity Me	Eastern— Belmont West Rainton Ludworth Shadforth Sherburn	Southern:— Bowburn Cassop Croxdale Kelloe Quarrington Hill Coxhoe	Total

* Demolished

HOUSING—COMPREHENSIVE SCHEMES.

There are nine comprehensive schemes within the Rural District. Each of the dwellings are centrally heated and there is an alarm and communications system in each of the dwellings whereby the Warden's services can be requested when required.

During the year 1972, three Good Neighbour/Wardens were appointed and alarm systems installed in bungalows occupied by elderly people. The Good Neighbour/Wardens appointed reside in Bowburn Parish and the old people greatly appreciate this service.

It is proposed to appoint further Good Neighbour/Wardens in the other parishes of the Rural District to enable more elderly people to summon aid when the need arises.

Section E.—INSPECTION AND SUPERVISION OF FOOD.

(a) (i) There are 162 food premises in the District and also 6 food factories.

The food premises may be classified into the following types of business:—

Grocers			• • •	84
Fish Fryers		• • •	• • •	20
Butchers	• • •	• • •	• • •	23
Fruiterers	• • •		• • •	8
Snack Bars	• • •	• • •	• • •	2
Colliery Canteen	S	• • •	• • •	1
Factory Canteen	lS.	• • •	• • •	12
School Canteens	• • •			12

The food factories comprise:—

Sausage Manufacture	• • •	 1
Bakeries	• • •	 4
Meat Preparation		 1

(ii) The number of food premises registered under Section 16 of the Food and Drugs Act, 1955, is 172 by type as follows:—

Ice Cream	• • •	• • •		148
Meat Preparatio	on		• • •	24

- (iii) The Public Health Inspectors continued to give advice at food premises (factories and canteens).
- (iv) Condemned food surrendered is disposed of by burial in the Council's refuse tip.
- (v) There is no manufacture of ice cream in this District, sales being entirely of products manufactured elsewhere and prepacked.

(vi) Three premises were registered for the storage and sale of ice-cream.

The following quantities of unfit and unsaleable food have been voluntarily surrendered:—

 Meat
 ...
 ...
 3,238 tins

 Poultry
 ...
 ...
 85 tins

 Fish
 ...
 ...
 24 tins

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

During the year a further 3 premises have been registered giving a total of 172 premises registered.

New registrations are inspected and advice is given. Routine inspections are made to existing premises.

190 inspections were carried out during the year.

MEAT INSPECTION REGULATIONS 1963.

Carcases and Offal inspected and condemned in whole or in part

	Cattle				
	Ex- cluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed	562		5	1473	403
Number inspected	562		5	1473	403
All diseases except Tuberculosis and Cysticerci. Whole carcases condemned					
Carcases of which some part or organ was condemned	25		1	6	26
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	4.4		20.0	0.4	6.4
Tuberculosis only: Whole carcases condemned					
Carcases of which some part or organ was condemned					
Percentage of the number inspected affected with Tuberculosis			 .		_

There were 18 licensed slaughtermen registered in the District and 6 Slaughterhouses.

Section F.—PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

Scarlet Fever.

8 notifications were received during the year compared with 6 in 1971. There were no deaths from the disease.

Acute Poliomyelitis.

As in the previous twelve years no cases of poliomyelitis were notified in the District.

During the year vaccination against poliomyelitis was continued by general practitioners in their surgeries under their own arrangements and in Maternity and Child Welfare Centres.

Measles.

177 cases were notified during 1972 in the Area compared with 84 in the previous year. There were no deaths.

Dysentery.

There was one case of Dysentery notified in 1972 in the Area. One case of Dysentery was notified during 1971.

Acute Meningitis.

There was one case of acute meningitis notified during 1972.

Diphtheria.

No notifications of diphtheria were received during 1972.

The County Medical Officer arranges that propaganda leaflets drawing attention to the need for children to be protected against smallpox, whooping cough and diphtheria are sent to parents by post when their children attain the age of four months. Further propaganda regarding immunisation against diphtheria is despatched when children are one year old and again at four years, nine months.

Table VI shows the records of children receiving combined injections during 1972.

Food Poisoning.

There was one case of food poisoning notified during the year.

Infective Jaundice.

During the year there were two cases of Infective Jaundice notified under the Public Health (Infectious Diseases) Regulations 1968, compared with 8 cases notified during 1971.

Ophthalmia Neonatorum.

There were no cases of Ophthalmia Neonatorum notified during 1972. 2 cases were notified during 1971.

Paratyphoid Fever.

There were no cases of paratyphoid fever notified in 1972.

Whooping Cough.

6 cases of whooping cough were notified during the year, 1 was in respect of a child 10 weeks old and the others were children over 1 year old.

Immunisation against the disease may be obtained from general medical practitioners and local health authority clinics.

It may be in the form of a combined injection against diphtheria and tetanus also.

Tuberculosis.

2 cases of pulmonary tuberculosis were notified during the year, both these cases were males. There were four cases of pulmonary tuberculosis in 1971.

There was one case of non-pulmonary tuberculosis notified during the period,

The following figures indicate the position in the previous 10 years:—

New cases of Tuberculosis Notified.

				Pulmonary.	Non.Pulmonary.
1962	• • •	• • •	• • •	18	2
1963	• • •	• • •	• • •	5	0
1964	• • •	• • •	• • •	8	2
1965		• • •	• • •	5	2
1966	• • •	• • •	• • •	5	1
1967	• • •	• • •	• • •	8	1
1968	• • •	• • •	• • •	7	1
1969	• • •	• • •	• • •	5	1
1970	• • •	• • •	• • •	4	
1971	•••	• • •	• • •	4	
Avera	ge for	10 year	rs		, , , , , , , , , , , , , , , , , , , ,
	962 - 19		• • •	7	1
1972	• • •	•••	* * *	2	1

There were no transfers into the District of any known cases of Tuberculosis.

There were no deaths from Tuberculosis during the year 1972.

Deaths from Tuberculosis.

				Pulmonary.	Non-Pulmonary.
1962	• • •		• • •	4	0
1963	• • •	• • •	• • •	0	1
1964	• • •	• • •	• • •	0	0
1965	• • •	• • •	• • •	1	0
1966	• • •	• • •	• • •	1	0
1967	• • •	• • •		3	0
1968	• • •	• • •	• • •	2	0
1969	• • •	• • •		1	0
1970	• • •	• • •	• • •	1	0
1971	• • •	• • •	• • •	0	0
	ge for 962-19	10 yea 72	rs	1.3	0.1
1972	• • •	• • •	• • •	0	0

B.C.G. Vaccination of Schoolchildren.

During the year there continued the B.C.G. Vaccination of Schoolchildren over the age of 11 years attending schools in the District.

The Heaf Multiple Puncture skin test was used.

The following table shows the numbers involved:—

B.C.G. VACCINATION-1972.

Number Tested	• • •	• • •	• • •	• • •	• • •	• • •	432
Number Positive	• • •	• • •	• • •	• • •	• • •		21
		(2 Pe	ositive	Reacto	ors give	en B.C	G.G.)
Number Negative	• • •	• • •	• • •		• • •	• • •	397
Number Vaccinated	ł	• • •	• • •		• • •	• • •	397
Number absent at	time of	Readi	ng	• • •	• • •	• • •	12
Number of Negativ		ctors no	ot Vacc	inated	for		
Medical Reasons	• • •	• • •	• • •	• • •	• • •	• • •	

20 of the Positive Reactors had received B.C.G. previously. 1 Child was sent for X-Ray.

The tuberculin testing of school entrants ceased on the 31st December, 1970.

IMMUNISATION AND VACCINATION, 1972.

TABLE VI

			СомР	COMPLETED PRIMARY COURSES	RIMARY	Cours	ES			REINI	FORCI	REINFORCING DOSES	OSES		
	Type of Vaccine		X	Year of Birth	irth		Oth-	Total		Year	Year of Birth	sirth		Oth-	Total
	or Dose	1972	2 1971	1970	1969	1965- 68			1972	1971	1971 1970 1969	6961	1965- 68	under age 16	
1.	Triple D. Tetanus, Pertussis	2	478	102	49	11		642			_	67	16	7	26
12	Diphtheria/Tetanus					29	20	34			2		599	6	610
3.	Diphtheria					2		2					3	_	4
4.	Tetanus					8	31	34					5	24	29
5.	Sabin (Oral)	2	481	106	99	40	7	289			23		617	16	636
6.	Measles		385	248	38	34		705							
7.	Rubella						288	288							
8	Lines $(1+2+3)$	67	478	102	49	42	5	829			က	2	618	17	640
9.	Line (1) (Whooping Cough)	21	478	102	49	11		642			_	5	16	7	26
10.	Lines $(1+2+4)$ (Tetanus)	2	478	102	49	43	36	710			3	2	620	45	665
	SM	SMALLPOX	No X		Under 1 year		1-2 years	2-4 years	5-15 years	5 rs	Total	panend			
	Primary Vaccinations	y Vaco	ination	St			18	3	4		25				
	Re-vaccinations	natior		•				2	11		13				

TABLE VII

PREVENTION AND CONTROL OF INFECTIOUS DISEASE AND OTHER DISEASES.

Notifications of Infectious Disease were received as follows:—

te velitis Measles. Dysentery Acute Diphtheria Meningitis	F. M. F. M. F. M. F. M. F. F. M. F.						-						
Acute litis Poliomyelitis Non- ic paralytic	F. M. F.				 	 							
Acute Poliomyelitis Po r. Paralytic	F. M.					1				[1	
Scarlet Fever.	Numbers originally M. notified all ages 8	Final numbers after correction.		1	::	_ 	3.	9	-14	15—24	25 and over —	Age unknown	Total (111 222)

		cute Er	Po	tis est- tious	Le _j spir	pto- osis	Para-t	typhoid ver	Typ	ric or hoid ver	F Poiso	ood oning	Sma	llpox		llow ver	Opht Neon	halmia atorum	Ant	hrax	Let	orosy		
Original Notifications	M. —	F.	М.	F.	M. —	F.	M.	F. —	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	М.	F.	M.	F.	Ma M.	laria F.
Final numbers after corrections Years Juder 5 5—14	_			_																				
15—44 45—64 65 and over ge unknown	=	- - -			_ _ _ _		-	-			<u>1</u>													-
Total (all ages)			-		_		_	_	_	_	1	_	_			_	_		-	_	-	_	_	

		 Whoopin	ng Cough	Infective	Jaundice
Original Notifications		 M. 4	F. 2	M.	F. 2
Final numbers after corre	ction	 			ļ
Under 3 months	•••	 1			
3 months	•••	 		_	
6 months	•••			_	I —
9 months			_		-
Under 1 year	•••			_	_
l year	•••				
2— 4 vears		1	1	_	
5— 9 years		$\dot{2}$	1		_
10—14 years	•••		1	_	1
15—19 years		 		_	_
20—24 years		 			_
25—34 years		 		_	
3544		 		_	1
45—54		 	_		_
55—64		 _			_
65—74		 			_
75 and over		 		_	
Age unknown	•••	 			_
Cotal (All ages)		 4	2		2



TABLE VIII.

TUBERCULOSIS

THE FOLLOWING ARE THE MORTALITY RATES.

Pulmonary Tuberculosis Mortality Rate per 1,000 population—Nil Non-pulmonary Tuberculosis Mortality Rate per 1,000 pop.—Nil

New Cases of Tuberculosis Notified during 1972.

A ~~~		Pulm	nonary.	Non-pu	lmonary.
Ages.		Males.	Females.	Males.	Females.
0— 1 year		-	Armogranda		
1— 5 years	• • •			-	
5—10 years	• • •				
10—15 years	• • •			-	
15—20 years	• • •	-		despending	-
20—25 years		-		demand of the second	
25—35 years					
35—45 years	• • •	1			-
45 — 65 years	• • •	-		-	-
65 years and ov	er	1	1		1
		2	1	4-1-1-1	1

Cases of Tuberculosis on Register at 31st December, 1972—

		Pulmo	nary.	Non-pu	lmonary.	То	tal.
		Males.	Females.	Males.	Females.	Males.	Females.
31st December, 1971 31st December, 1972	• •	72 74	48 48	23 23	29	95 97	77 78

Section G.

FACTORIES ACTS, 1961 PART I OF THE ACT.

1. INSPECTIONS for purposes of provisions as to health (including inspections made by Public Health Inspectors).

	MIO	No on		Number	of.	Mila
Premises.	M/c. line No.	No. on Regi- ster.	Inspections.	Written notices.	Occupiers prosecuted.	M/c. line No.
(1) Factories in which Secs. 1, 2, 3, 4 & 6 are to be enforced by Local Authority	1	4				1
(2) Factories not included in (1) in which Sec. 7 is enforced by Local Authority	2	96	35			2
(3) Other premises in which Sec. 7 is enforced by Local Authority (excluding outworkers premises)	3	23		- Anglandaring		3
Total		123	35			

2. Cases in which defects were found.

	M/c.			ases in ere four		No. of	M/c
Particulars.	line			Ref	erred	prosec-	line
	No.	Found	Reme- died	To HM Inspec -tor	ByHM Inspec -tor	utions	4NO.
Want of Cleanliness Overcrowding Unreasonable temperature Inadequate ventilation	4 5 6 7		Garage de la constante de la c	Policinates Policinates			4 5 6 7
Sanitary conveniences:— (a) insufficient (b) unsuitable/defective (c) not separate for	9	5	5		5	_	9 10
sexes Other offences against the Act (not including	11	1	1	()-in-provide	1		11
offences relating to Outwork)	12						12

No. of Outworkers ... Nil.



